

IV. Personnel

Section IV gives the names of the officers in charge of each of these bases, subsidiary stations, ships and aircraft; the number occupation and specialization of personnel (including any designated by other Governments), who are or will be stationed at each of these bases and subsidiary stations and on board these ships and aircraft, including the number of personnel who are members of the military services, together with the rank of any officers and the names and professional affiliations of personnel engaged in scientific activities:

Oversight

The United States Antarctic Program is managed by the National Science Foundation (NSF). The NSF designates a Senior U.S. Representative in Antarctica, and designates an NSF Representative, Antarctica, to coordinate all field activities. Unless otherwise specified, the Senior U.S. Representative in Antarctica is the Director, Office of Polar Programs (OPP), located at the National Science Foundation.

NSF Representatives in Antarctica (TBA) will be stationed at McMurdo, Palmer, and South Pole Stations during the austral summer operating season. Additionally, Antarctic Support Associates (ASA), under contract to the National Science Foundation, will provide station management year round.

Officers in Charge of Bases

Each U.S. station has a station manager for operations/logistics support and a station science leader. Station managers for the 1999-2000 season will be:

McMurdo Station

Terry Melton	(Oct 98 - Oct 99)
Richard Boehne	(Oct 99 – Oct 2000)

Amundsen-Scott South Pole Station

Ed Blain	(Nov 99 - Feb 2000)
Scott Hulse	(Feb 99 - Nov 2000)

Palmer Station

Ronald E. Nugent, Jr.	(Sep 99 - Mar 2000)
Chris Cunning	(Mar 99 - Sep 2000)

Officers in Charge of Ships

USCGC POLAR STAR (WAGB-10)	Captain Terrance Julich, USCG
Champion Class T-5 Tanker (fuel tanker)	TBA
M/V GREEN WAVE (cargo ship)	Captain Peter Stalkus
R/V NATHANIEL B. PALMER	Captain Joe Bokowski
R/V LAURENCE M. GOULD	Captain Warren Sanamo

Numbers, Occupations and Specialization of Personnel

McMurdo

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	34	0	6

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Science Support	0	63	0	7
Operations	0	271	0	62
Logistics	0	112	0	27
SPSE	0	20	0	2
Engineering /Construction	0	95	0	72
Information Systems	0	91	0	15
Aviation	0	0	0	0
Scientists	0	420	0	0
Working Visitors	0	144	0	0

South Pole

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	1	0	1
Science Support	0	8	0	5
Operations	0	26	0	5
Logistics	0	12	0	3
SPSE	0	71	0	17
Engineering/Construction	0	41	0	6
Information Systems	0	9	0	3
Aviation	0	0	0	0
Scientists	0	200	0	10
Working Visitors	0	49	0	0

Palmer Station

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	1	0	1
Science Support	0	3	0	2
Operations	0	7	0	4
Logistics	0	2	0	2
Engineering/Construction	0	6	0	14

Information Systems	0	3	0	2
Scientist	0	29	0	6
Working Visitors	0	19	0	7

Siple Dome Field Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Heavy Vehicle Mechanic	0	1
Cook	0	1
Heavy Equipment Operator	0	1
Scientists	0	20
Aviation	0	5

Byrd Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Heavy Equipment Operator		1
Heavy Vehicle Mechanic	0	1
Scientists	0	20
Aviation		5

Mid-C Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Heavy Equipment Operators	0	2
Scientists	0	20
Aviation	0	5

SHIPS

USCGC POLAR STAR

Number of Personnel

Crew	160
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Champion Class T-5 Tanker

Number of Personnel

Crew	24
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M/V GREEN WAVE

Number of Personnel

Crew	21
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R/V NATHANIAL B. PALMER

Number of Personnel

Crew	21
Scientists	37

R/V LAURENCE M. GOULD

Number of Personnel

Crew	21
Scientists	37

Names and Professional Affiliation of Personnel Engaged in Scientific Activities

Further details are found in Section VI (Appendix II), and are cross-referenced here according to the project identification code (AO-XXX-X, BM-XXX-X, etc.). The numbers in parentheses besides the principal investigator's name represent the anticipated number of additional field party members. Projects are listed by scientific discipline under each major field location or platform.

MCMURDO STATION - ONLY (387 Scientists)

Aeronomy & Astrophysics (34 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Adriani (+1)	AO-107-O	Instituto De Fisica Dell'Atmosfera
Deshler (+4)	AO-131-O	University of Wyoming
Piccirillo (+2)	AO-140-O	University of Wisconsin
Rust (+5)	AB-146-O	Johns Hopkins University, Applied Physics Lab
Peterzen (+13)	AB-145-O	National Scientific Balloon Facility (NSBF)
Lin (+3)	AB-144-O	University of California, Berkeley

Biology & Medical Research (133 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Ward (+4)	BO-310-O	Princeton University
Ponganis (+5)	BO-197-O	Scripps Institution of Oceanography
Green (+6)	BO-041-O	Miami University
Madigan (+2)	BO-195-O	Southern Illinois University
Priscu (+3)	BM-042-P	Montana State University, Bozeman
Fountain (+-2)	BM-042-F	Portland State University
Lyons (+4)	BM-042-L	University of Alabama
Manahan (+40)	BO-301-O	University of Southern California
Priscu (+5)	BO-025-O	Montana State University, Bozeman
Siniff (+7)	BO-009-O	University of Minnesota
Fritsen (+5)	BO-044-O	Desert Research Institute
Doran (+2)	BM-042-D	University of Chicago
DeVries (+7)	BO-005-M	University of Illinois
Davis (+8)	BO-017-O	Texas A & M University
Wall (+-5)	BM-042-W	Colorado State University
McKnight (+3)	BM-042-M	University of Colorado
Bowser (+6)	BO-043-O	New York State Department of Health
Virginia (+1)	BM-042-V	Dartmouth College

Environmental Research (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kennicutt, II (+5)	EO-318-O	Texas A & M University

Geology & Geophysics (138 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hammer (+3)	GO-074-O	Augustana College
Verosub (+6)	GL-075-O	University of California -- Davis
Marsh (+3)	GO-056-O	Johns Hopkins University
Krissek (+4)	GL-070-O	Ohio State University
Askin (+3)	GL-080-O	The Ohio State University
Luyendyk (+2)	GF-121-O	University of California
Whillans (+5)	GO-084-O	The Ohio State University
Watkins (+2)	GL-057-O	University of Nebraska, Lincoln
Mullins (+9)	GO-052-M	US Geological Survey
Raymond (+3)	GO-082-O	California Institute of Technology
Wilson (+3)	GL-079-O	The Ohio State University
Mulcahy (+3)	GO-078-O	GPS Co.
Anandakrishnan (+1)	GO-180-O	University of Alabama
Harvey (+7)	GO-058-O	Case Western Reserve University
Siddoway (+5)	GF-088-O	Colorado College
Apostolopoulos (+6)	GO-059-O	Carnegie Mellon University
Prentice (+3)	GO-063-O	University of New Hampshire
Goode (+5)	GO-014-O	Southern Methodist University
Jarrard (+1)	GL-055-O	University of Utah
Marchant (+3)	GO-054-O	Boston University
Kyle (+7)	GO-081-O	New Mexico Institute of Mining and Technology
Webb (+-5)	GL-049-O	The Ohio State University
Harwood (+2)	GL-051-O	University of Nebraska-Lincoln
Blankenship (+23)	GS-098-O	University of Texas at Austin

Glaciology (46 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hall (+1)	IO-196-O	University of Maine
Harrison (+2)	IO-164-O	University of Alaska Fairbanks
Mayewski (+-3)	IU-153-B	University of New Hampshire
Bindschadler (+2)	IO-173-O	National Aeronautics and Space Administration
Whillans (+2)	IS-166-O	The Ohio State University
Waddington (+1)	II-171-O	University of Washington
Whillans (+4)	IO-169-O	The Ohio State University
Arcone (+0)	IU-311-O	US Army CRREL
Steig (+0)	IU-193-O	University of Pennsylvania
Dunbar (+5)	IO-151-O	New Mexico Institute of Mining & Technology
Hamilton (+1)	IU-178-O	The Ohio State University
Mayewski (+4)	IU-153-A	University of New Hampshire
Taylor (+2)	II-152-O	Desert Research Institute
Alley (+1)	IO-168-O	The Pennsylvania State University
Albert (+0)	IU-155-O	Cold Regions Research and Engineering Laboratory
Bales (+0)	IU-158-O	The University of Arizona
Jacobel (+1)	IU-133-O	St. Olaf College

Polar Information (10 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Parker (+0)	WO-008-O	No affiliation
Bledsoe (+0)	WO-007-O	No affiliation
Wu (+6)	WO-317-O	No affiliation
Klipper (+0)	WO-009-O	No affiliation

Ocean & Climate Systems (10 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stearns (+3)	OO-283-M	University of Wisconsin
Stearns (+1)	OO-202-O	University of Wisconsin
Dempsey (+3)	OO-316-O	Clarkson University

Polar Research Support (10 Scientists))

	<u>I.D. No.</u>	<u>Institution</u>
Kuivinen (+9)	TI-150-B	University of Nebraska - Lincoln

MCMURDO STATION and R/V NATHANIEL B. PALMER

Biology & Medicine Program (34 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Bengtson (+6)	BE-198-A	National Marine Mammal Laboratory
Yochem (+1)	BE-230-O	Hubbs-Sea World Research Institute
Quetin (+4)	BE-198-D	University of California, Santa Barbara
Stewart (+1)	BE-229-O	Hubbs-Sea World Research Institute
Siniff (+4)	BE-309-O	University of Minnesota
Torres (+4)	BE-198-B	University of South Florida
Castellini (+2)	BE-199-O	University of Alaska Fairbanks
Jacobs (+4)	BE-198-C	Columbia University

MCMURDO AND SOUTH POLE STATIONS (17 Scientists)

Aeronomy and Astrophysics (11 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Rosenberg (+1)	AO-111-O	University of Maryland
Lanzerotti (+0)	AO-101-O	Bell Laboratories, Lucent Technologies
Abshire (+5)	AO-126-O	NASA Goddard Flight Center
LaBelle (+0)	AO-128-O	Dartmouth College
Arnoldy (+0)	AO-102-O	University of New Hampshire

Biology and Medicine Program (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Carpenter (+3)	BO-004-O	State University of New York at Stony Brook

Geology and Geophysics (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Johns (+1)	GO-295-O	UNAVCO/UCAR

MCMURDO, SOUTH POLE, USCG POLAR STAR

Aeronomy & Astrophysics (2 Scientists)

Bieber (+1)	AO-120-O	University of Delaware
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MCMURDO STATION AND USCGC POLAR STAR
(9 Scientists)

Biology & Medicine Program (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Ainley (+9)	BO-031-O	H.T. Harvey & Associates
Bengtson (+4)	BE-198-A	National Marine Mammal Laboratory

Polar Ocean and Climate Systems (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Wendler (+2)	OO-263-O	University of Alaska Fairbanks

MCMURDO STATION AND VOSTOCK STATIONS

Aeronomy & Astrophysics (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Papitashvili (+2)	AO-105-O	University of Michigan

OTHER NATIONAL ANTARCTIC PROGRAM STATIONS

(14 Scientists)

Aeronomy and Astrophysics (2 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Fritts (+1)	AO-113-O	Colorado Research Associates

Biology and Medicine Program (9 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Costa (+3)	BO-267-O	University of California Santa Cruz
Trivelpiece (+4)	BO-040-O	NOAA

Polar Ocean and Climate Systems (3 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Pilskaln (+3)	OO-278-O	University of Maine

PALMER STATION - ONLY (28 Scientists)

Aeronomy and Astrophysics (4 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Pilskaln (+3)	OO-278-O	University of Maine

Biology and Medicine Program (15 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Ricchiazzi (+2)	BO-279-O	University of California Santa Barbara
Jeffrey (+7)	BO-200-O	University of West Florida
McClintock (+5)	BO-022-O	University of Alabama at Birmingham

Geology and Geophysics (2 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Mullins (+0)	GO-052-P	US Geological Survey
Butler (+0)	GO-091-O	Incorporated Research Institutions for Seismology

Polar Information (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Quin (+1)	WO-004-O	No affiliation

Polar Climate and Ocean Systems (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Rasmussen (+0)	OO-254-O	Oregon Graduate Institute of Science and
Sanderson (+0)	OO-275-O	U.S. Department of Energy
Peterson (+0)	OO-264-O	National Oceanic and Atmospheric Administration
Stearns (+0)	OO-283-P	University of Wisconsin
Keeling (+0)	OO-204-O	University of California, San Diego

PALMER STATION and R/V LAURENCE M. GOULD

Biology and Medicine Program (25 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Vernet (+7)	BP-016-O	Scripps Institution of Oceanography
Fraser (+4)	BP-013-O	Montana State University
Quetin (+7)	BP-028-O	University of California, Santa Barbara
Smith (+3)	BP-032-O	University of California, Santa Barbara

R/V LAURENCE M. GOULD - ONLY (27 Scientists)

Biology and Medicine Program (23 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Scheltema (+3)	BO-281-O	Woods Hole Oceanographic Institution
Martinson (+-1)	BP-021-O	Columbia University
Smith (+16)	BO-050-O	University of California at San Diego

Polar Ocean and Climate Systems (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Visbeck (+0)	OO-124-O	Columbia University

Peterson (+0)	OO-260-O	University of California San Diego
Sturz (+1)	OO-319-O	University of San Diego

R/V NATHANIEL B. PALMER - ONLY (67 Scientists)

Biology and Medicine Program (14 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Gowing (+1)	BX-039-O	University of California, Santa Cruz
Gowing (+3)	BX-325-O	University of California, Santa Cruz
Grebmeier (+1)	OR-216-E	The University of Tennessee
Caron (+4)	BO-207-O	Woods Hole Oceanographic Institution
DiTullio (+1)	BR-272-O	University of Charleston

Geology and Geophysics (48 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Cande (+4)	GO-071-O	University of California, San Diego
Kellogg (+8)	GO-307-O	University of Maine
Austin (11)	GO-306-O	The University of Texas at Austin
Domack (+16)	GO-096-O	Hamilton College
Wiens (+4)	GO-097-O	Washington University

Polar Ocean and Climate Systems (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Jacobs (+4)	OO-274-O	Columbia University

R/V NATHANIEL B. PALMER and R/V LAURENCE M. GOULD (35 Scientists)

Biology and Medicine Program (32 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Demaster (+5)	BO-313-O	North Carolina State University
Karl (+6)	BP-046-O	University of Hawaii
Smith (+18)	BO-303-O	University of Hawaii at Manoa

Polar Ocean & Climate Systems (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Chereskin (+2)	OO-315-O	University of California, San Diego

SOUTH POLE STATION - ONLY (190 Scientists)

Aeronomy & Astrophysics (157 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mende (+0)	AO-104-O	University of California
Stark (+12)	AC-371-O	Smithsonian Institution
Meyer (+9)	AC-370-O	University of Chicago
Loewenstein (+1)	AC-374-O	University of Chicago
Dezafrá (+1)	AO-138-O	State University of New York at Stony Brook
Papen (+3)	AO-127-O	University of Illinois
Gaisser (+2)	AO-109-O	University of Delaware
Loewenstein (+13)	AC-372-O	University of Chicago
Peterson (+16)	AC-375-O	Carnegie-Mellon University
Carlstrom (+13)	AC-373-O	University of Chicago
Morse (+68)	AA-130-O	University of Wisconsin
Inan (+1)	AO-108-O	Stanford University
Ejiri (+2)	AO-117-O	National Institute of Polar Research
Hernandez (+2)	AO-110-O	University of Washington

Geology & Geophysics (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Butler (+1)	GO-090-O	Incorporated Research Institutions for Seismology
Mullins (+1)	GO-052-S	US Geological Survey

Ocean & Climate Systems (16 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Warren (+4)	OO-201-O	University of Washington
Bales (+1)	OO-324-O	The University of Arizona

Hofmann (+8)	OO-257-O	National Oceanic and Atmospheric Administration
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Polar Research Support (13 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Kuivinen (+12)	TA-150-A	University of Nebraska - Lincoln